Division of Surface Water
Non-compliance Notification for
Exceedance of a Daily Maximum Discharge Limit

Use this form to report non-compliance that is the result of any violation of a **daily maximum discharge limit** for any of the pollutants listed by the Director in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and e-mailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office:	sedo24hournpdes@epa.state.oh.us
Southwest District Office:	swdo24hournpdes@epa.state.oh.us
Northwest District Office:	nwdo24hournpdes@epa.state.oh.us
Northeast District Office:	nedo24hournpdes@epa.state.oh.us
Central District Office:	cdo24hournpdes@epa.state.oh.us
Central Office:	co24hournpdes@epa.state.oh.us

Permittee Information	
Name of permittee:	American Energy Corporation
NPDES Permit number:	OIL00091*GD
Contact name for permittee:	Cody Mozena
Contact telephone number:	740-310-9428
Exceeded limit	
Parameter name:	Nitrogen, Ammonia (NH3) Fecal Coliform
Provide type of limit exceeded, e.g. concentration, loading, etc.	Daily Concentration & Monthly Concentration
Extent of exceedance	
Provide permit limit, e.g. 10 ug/l	Daily Conc. of 1.5 mg/l & Monthly Conc. of 1.0 mg/l (NH3) Daily Conc. of 2000 CFU/100ml & Monthly Conc. of 1000 CFU/100ml (Fecal Coliform)
Measured exceedance (include units):	Daily Measurement of 9 mg/l & Monthly Measurement of 4.9 mg/l (NH3) Daily & Monthly Measurement of 6600 (Fecal Coliform)
Cause of exceedance	
Provide an explanation for the cause of the permit limit exceedance:	Mechanical failure within the treatment facility has led to the plant not functioning at full operating capacity. One of the two aeration blowers failed early in the month of May, reducing our ability to lower levels of Ammonia. The oxygen introduced by the aeration blowers allows monitoring personnel to control the level of Ammonia within the system. As described by the plant operator, aeration provided by each blower helps to reduce NH3 levels. This step occurs before entering the clarification tank. The combination of these steps allows for proper treatment and settling time. The flow equalization pump ensures proper settling time of parameters within the treatment system. The E.Q. tank is crucial to the system and has not been functioning properly. Both mechanical failures as well as the failure of the #2 dosing pump which was noted for May occurred in rapid succession hindering the ability of the plant operator to effectively treat the wastewater.
Period of exceedance	
Exact time period of exceedance (include times and dates):	6/2/2010 2:40 P.M. (NH3) 6/28/2010 2:50 P.M. (Fecal Coliform)
If uncorrected, expected duration	
If the exceedance is not yet corrected, provide the expected time period during which it is anticipated to continue:	Both exceedances have been corrected.
Steps to address exceedance	
Describe all the steps taken to reduce, eliminate, or prevent future occurrence of the exceedance(s):	Corrective actions taken to ensure Fecal Coliform & NH3 levels will be discharged within permit guidelines include: American Energy has

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	successfully installed the necessary parts to repair all mechanical failures within the sewage treatment facility. The final mechanical issue was fixed June 28th. Wastewater will now properly pass through the treatment facility allowing the plant to correctly treat and settle out contaminates. WQM staff has asked the plant operator to compile a list of parts and equipment so an inventory of essential items can be developed. The testing lab is continuing to send results immediately via email to the water quality management group to shorten response time. NH3 results following the June 2nd exceedance are within effluent limitations and Fecal Coliform results for July are below detectable limits.